

WE CLAIM:

1. A method for providing mobility within a network comprising the
2 step of:
3 a remote system transmitting an OSPF link state advertisement at
4 predetermined intervals.

2. The method of Claim 1 wherein said link advertisement contains:
2 a low cost associated with the routing of packets having an IP address of
4 said remote system; and
4 an age field that is set to a value lower than the maximum age.

3. A remote terminal apparatus for providing mobility within a
2 network comprising:
4 a component that transmits advertisements at predetermined intervals;
4 wherein said advertisements indicate that packets having a destination
6 IP address equal to that of the IP address of said remote terminal should be
6 delivered to said remote terminal ; and
8 wherein the age field of said advertisements are lower than the
8 maximum age.

4. The apparatus of Claim 3, further comprising a user interface that
2 allows the intervals at which said link advertisements are transmitted to be
changed.

5. The apparatus of Claim 4, wherein said advertisements are OSPF
2 link state advertisements.